

Serial No. 09/732,837

2

DEC 13 2006

PD-990309

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A communications system comprising:
a first teleport station;
a first user terminal;
a satellite coupling the first teleport station to the first user terminal; and
a network access point directly coupled to the Internet and directly coupled to the first teleport station, ~~said network access point coupled to the first teleport station~~ through an optical fiber.
2. (Original) A communications system as recited in claim 1, wherein said satellite comprises a satellite in the Ka band.
3. (Original) A communications system as recited in claim 1, further comprising a second teleport station coupled to the first teleport station through said satellite.
4. (Previously Presented) A communications system comprising:
a satellite;
a first teleport station;
an optical fiber network;
a second teleport station coupled to the first teleport station through said optical fiber network and said satellite;
said optical fiber network providing a primary communication link until an irregularity is detected in said optical fiber, where, upon the sensing of the irregularity, routing the communication from said first teleport station to said second teleport station through said satellite.

Serial No. 09/732,837

3

PD-990309

5. (Previously Presented) A method of communicating between a first user terminal and a first geographic region served by a first satellite and a second user terminal in a second geographic region comprises the steps of:

- directing a communication from a first user terminal to the first satellite;
- routing the communication from the first satellite to a first teleport station;
- routing the communication from the first teleport station to a second teleport station in the second geographic region by way of an optical fiber network; and
- routing the communication from the second teleport station to a second user terminal in the second geographic region.

6. (Currently Amended) A method as recited in claim 5, wherein the step of routing the communication from the second teleport station comprises ~~directing~~ routing the communication from the second teleport station to the second user terminal by way of an optical fiber.

7. (Currently Amended) A method as recited in claim 5, wherein the step of routing communication from the second teleport station comprises ~~directing~~ routing the communication from the second teleport station to the second user terminal by way of a second satellite.

8. (Original) A method as recited in claim 5, further comprising the step of coupling the first teleport station to the Internet.

9. (Currently Amended) A method of operating a communications system comprising the steps of:

- generating a plurality of spot beams directed to a respective plurality of teleport stations from a satellite;
- interconnecting the plurality of teleport stations with an optical communication network;
- in normal operating conditions, directing a communication from a first of said plurality of teleport stations through said satellite ~~to a first user terminal~~; and
- when the ~~second~~ first teleport station is encumbered, directing the communication through an optical link to a second teleport station; and

Serial No. 09/732,837

4

PD-990309

directing the communication to the satellite from the second teleport station.

10. (Original) A method as recited in claim 9, further comprising the step of connecting the optical communication network to the Internet.

11. (New) A method as recited in claim 9, wherein the plurality of beams are non-coextensive.

12. (New) A method as recited in claim 9, wherein the plurality of beams reuse the same frequency.

13. (New) A method as recited in claim 9, wherein directing a communication from a first of said plurality of teleport stations through said satellite comprises directing the communication from the first of said plurality of teleport stations through said satellite to a first user terminal.

14. (New) A method as recited in claim 9, wherein directing a communication from a first of said plurality of teleport stations through said satellite comprises directing the communication from the first of said plurality of teleport stations through said satellite to a first user terminal through a third teleport station.

15. (New) A method as recited in claim 9, further comprising directing the communication from the second teleport station to a first user terminal.

16. (New) A method as recited in claim 9, further comprising directing the communication from the second teleport station to a first user terminal through an optical fiber.

17. (New) A method as recited in claim 9, further comprising directing the communication from the second teleport station to a first user terminal through a second satellite.

Serial No. 09/732,837

5

PD-990309

18. (New) A communications system as recited in claim 1, wherein the first user terminal is coupled to the second teleport station through an optical fiber.

19. (New) A communications system as recited in claim 1, wherein the first user terminal is coupled to the second teleport station through a second satellite.